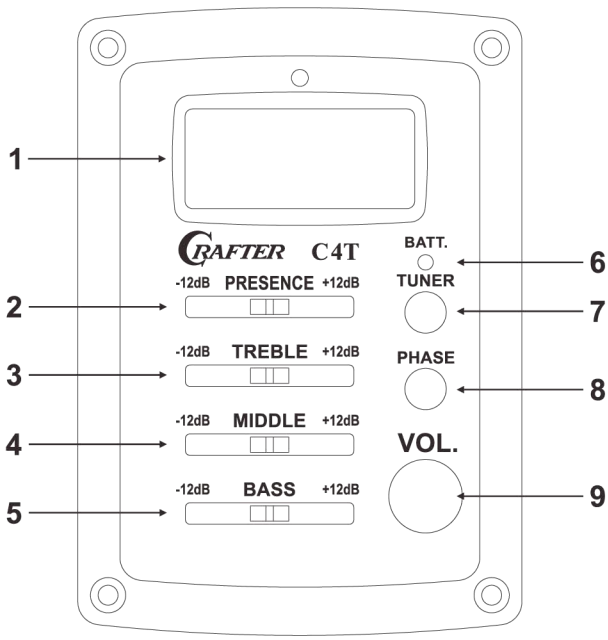
C4T Preamp User's Manual



1. Tuner LCD Display
2. Presence
3. Treble
4. Middle
5. Bass
6. Low Battery LED Light
7. Tuner on/off Button
8. Phase on/off Button
9. Volume

Functions

2. PRESENCE (for very high tones)
3. TREBLE (for high tones)
4. MIDDLE (for midrange tones)
5. BASS (for bass tones)

The BASS, MIDDLE, TREBLE, PRESENCE controls are a 4-band equalizer for controlling tone.
The BASS, TREBLE, PRESENCE tone controls are normal boost / cut shelving controls.
The MIDDLE (midrange) tone control is a normal boost / cut tone filter.
The center detent on these tone controls yields a flat tone response."+12" boosts the tone; "12"cuts the tone.

6. LOW BATT. (LOW BATTERY LED LIGHT)

The LED will light when the battery has lost power. Replace the battery when this light is on.
This LED light will flash when a cable is connected to the output jack of the pickup system. This shows the battery is good.

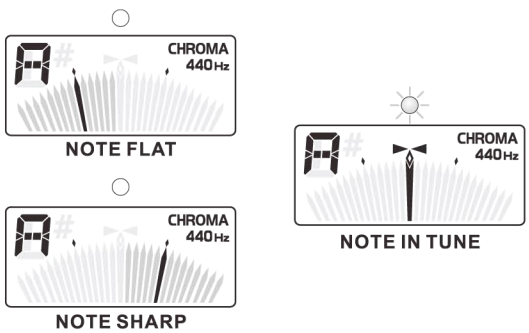
8. PHASE (PHASE BUTTON)

The PHASE button controls the phase of the pickup in relationship to the phase of the speaker that are being used with the system.
Pushing this button will put the pickup "out of phase" with the speaker. When the button is out the pickup is "in phase."
This control is most useful for feedback control and will provide a tone color. Once you experiment with the settings of this control you will find more about how it works.

9. VOLUME

The VOLUME controls the output volume. At "0" it is completely OFF. At "10" it is loud.

Tuner Operation:



Tuner Display

The tuner will work with or without a cable plugged into the output jack.

Pushing the tuner button turns ON the tuner. When the tuner is active the output signal is muted. No sound will go to the amplifier or mixer when the tuner is active.

Pushing the tuner button again turns the tuner OFF and the output signal will be active and sound will go to the amplifier.

If the tuner is ON and the tuner button is not pushed within 7 minutes the tuner will turn OFF automatically and sound returned to the output.

The tuner Note Readout Display shows the nearest note of one plucked string's sound. The Note Read Display read out shows twelve note possibilities in half steps in "sharps" (for example: A; A#; B; C; C#; D; D# and so on). For "flat" notes, for example: Bb (B flat) use A#. For Eb (E flat) use D#.

Specification

Features : 4-Band EQ with LCD Tuner
Input Impedance : 22MΩ
Output Impedance : 1KΩ
Control Range :
Bass : (± 12dB at 60Hz)
Middle : (± 8dB at 600Hz)
Treble : (± 12dB at 3Khz)
Presence : (± 12dB at 10Khz)
Tuner Function :
Auto Chromatic Tuning
Battery Life : Pre-amp only,
Tuner off : 225Hours @ 2mA
Tuner on with signal : 48Hours @ 9.3mA
Power Supply : 9V Alkaline Battery
Low Battery Check LED @ 5.5V
Pick-up : OMEGA-II (Piezo Cable pick-up)
Dimension : W 82mm X L 58mm

Caution

- The jack should be pluged for proper Preamp working. (TUNER will works regardless pluging jack)
- There is no output sound, please check if tuner or mute is turned on.
- When LCD screen is dim or no display, please check battery life.
- To prevent battery loss, please unplug jack when preamp is not in use.
- Do not disassemble for repair. Return to your dealer for service or repair.
- Do not use too much force when operating the control.